[PROF] LAMINATE FLOORING

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Technical Datasheet

Direct Pressure Laminate, Level of use according to EN 13329: class **23/32 – AC4**

Heavy domestic use

Commercial general use

DIMENSION

dimension	thickness (d)	8+1 ± 0,50 mm · dmax - dmin ≤ 0,50 mm		
	length	1288 ± 0,50 mm		
	width (b)	195 ± 0,10 mm · bmax - bmin ≤ 0,20 mm		
profile	long side	twin clic+	short side	1clic 2go pure+
groove	long side	v-groove	short side	v-groove

TOLERANCE		
squareness	EN 13329	≤ 0,20 mm
straightness	EN 13329	≤ 0,30 mm
flatness crosswise	EN 13329	concave: ≤ 0,15% · convex: ≤ 0,20%
flatness length	EN 13329	concave: ≤ 0,50% · convex: ≤ 1,00%
gaps between elements	EN 13329	average: ≤ 0,15 mm · max: ≤ 0,20 mm
height difference between elements	EN 13329	average: ≤ 0,10 mm · max: ≤ 0,15 mm
misalignment		± 2 mm

TEST			
abrasion resistance		EN 13329	AC4 (≥ 4000 rpm)
impact resistance		EN 13329	small ball ≥ 35 mm · big ball ≥ 600 mm
stain resistance	group 1 & 2	EN 13329	grade 5
	group 3		≥ grade 4
castor chair test		EN 13329	no change in appearance or damage, as defined per EN 425
effect of a furniture leg		EN 13329	no damage shall be visible, when testet with foot type 0
thickness swelling		EN 13329	≤ 18%
static indentation		EN 13329	≤ 0,05 mm
light fastness		EN 13329	grey scale ≥ 4 at blue wool grade 6
dimensional variations after changes in relative humidity		EN 13329	lengthwise ≤ 0,9 mm · crosswise ≤ 0,9 mm
locking strength		EN 13329	length ≥ 1 kN/m · width ≥ 2 kN/m
surface soundness		EN 13329	≥ 1,25 N/mm²

ENVIRONMENT		
emission of formaldehyde	EN 16516	class E1

PHYSICAL BEHAVIOR		
fire behavior	EN 13501-1	Cfl s1
slide resistance	EN 13893	technical class DS
thermal resistance	EN 12667	0,103 (m²K)/W ± 15%
impact sound reduction	DIN EN ISO 10140-3	18 dB
walking noise emission	IHD-W431	31%

The data sheet is updated regularly to meet new technological standards. This version replaces all previous versions as well as those which are undated. This version takes effect upon creation. Version 09/2024